

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
-	64	(handoff\$1 handover\$1 (hand\$4 near3 (off over))) and (tdm tdma) and ("same" near3 slot\$1 near3 number\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 12:13
-	53	jp-470015\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:23
-	0	jp-470015a.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 12:03
-	0	jp-470015a\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:23
-	0	jp-70015a\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:27
-	532	jp-70015\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:24
-	0	jp-1141646\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:24
-	0	jp1141646\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:24
-	0	ep-0884920\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:24
-	2	ep-884920\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 14:11
-	0	jp-4-70015\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:27
-	0	jp-1141646\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:28

-	53	jp-470015\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:28
-	0	jp-470015.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:28
-	0	jp-0470015.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:29
-	0	jp-0470015a.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:29
-	0	jp-0470015a1.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:29
-	0	jp-11-41646.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:29
-	0	jp-1141646.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:29
-	0	jp-1141646a.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:35
-	0	jp-1141646\$2.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:29
-	0	jp-11234720a.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:35
-	0	jp11234720a.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:35
-	0	jp-11234720a.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:35

-	2	jp-11234720-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:37
-	0	jp-1141646-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:37
-	2	jp-11041646-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:38
-	2	jp-04070015-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:41
-	10	jp-07046660-\$.did. jp-07067166-\$.did. jp-08056380-\$.did. jp-08279798-\$.did. jp-11234720-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:44
-	9	jp-10027955-\$.did. jp-02181197-\$.did. jp-09209640-\$.did. jp-10161060-\$.did. jp-05186371-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:47
-	5	jp-05208016-\$.did. jp-06191424-\$.did. jp-07080985-\$.did. jp-10027955-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:48
-	0	fr-9707098-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:49
-	0	fr-9707098\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:49
-	0	fr-09707098\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:49
-	0	lestrat-evelyne.in. and alcatel.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:50
-	0	lestrat.in. and alcatel.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:51

-	500	le.in. and alcatel.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:50
-	20	strat.in. and alcatel.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 15:13
-	1	au-735582-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 14:11
-	3	strat.in. and alcatel.as. and bcch	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 15:23
-	109	(bcch) near3 number\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 16:46
-	0	(handoff\$1 handover\$1 (hand\$4 near3 (off over))) and (tdm tdma) and ("same" near3 slot\$1 near3 number\$1) and ((bcch) near3 number\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 15:25
-	56	(handoff\$1 handover\$1 (hand\$4 near3 (off over))) and (tdm tdma) and ((bcch) near3 number\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 16:25
-	3	((handoff\$1 handover\$1 (hand\$4 near3 (off over))) and (tdm tdma)).ab. and ((bcch) near3 number\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 16:25
-	1	downlink\$1 near3 (bcch) near3 number\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 16:47
-	37	downlink\$1 near3 (control) near3 number\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 16:47
-	27	uplink\$1 near3 (control) near3 number\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 16:47
-	9	(downlink\$1 near3 (control) near3 number\$1) and (uplink\$1 near3 (control) near3 number\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 17:01

-	2	("5603081").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 17:01
-	1	((("5603081").PN.) and (hand	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 17:02
-	1	((("5603081").PN.) and (hand\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 17:02
-	4	((("5228029") or ("5506863")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 18:41
-	18	"same" near10 transmit\$4 near10 receiv\$4 near10 control\$4 near10 channel\$1 near10 number\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 18:43
-	1785	370/331,336,337.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 12:03
-	2909	455/436-444.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 12:03
-	1016	(handoff\$1 handover\$1 (hand\$4 near3 (off over))) and (tdm tdma) and (slot\$1 near3 number\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 13:37
-	1058	(handoff\$1 handover\$1 (hand\$4 near3 (off over))) and (tdm tdma tdd) and (slot\$1 near3 number\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 12:15
-	195	370/331,336,337.ccls. and ((handoff\$1 handover\$1 (hand\$4 near3 (off over))) and (tdm tdma tdd) and (slot\$1 near3 number\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 12:14
-	19	set\$4 adj5 slot\$1 adj5 receiv\$4 adj5 stat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 13:36
-	64	(370/331,336,337.ccls. and ((handoff\$1 handover\$1 (hand\$4 near3 (off over))) and (tdm tdma tdd) and (slot\$1 near3 number\$1))) and (transmi\$4 same receiv\$4 same (slot\$1 near3 number\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 12:54
-	11	("4215244" "4414661" "4475010" "4608711" "4638479" "4682367" "4726050" "4754450" "4765753" "4797947" "4872204").PN.	USPAT	2004/08/19 12:35

-	0	RE36309.URPN.	USPAT	2004/08/19 12:37
-	0	RE36309.URPN.	USPAT	2004/08/19 12:38
-	0	(mobile\$1) adj3 receiv\$4 adj3 control\$4 adj3 rece\$6 adj1 slot\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 12:56
-	2	(mobile\$1) adj3 control\$4 adj3 rece\$6 adj1 slot\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 12:56
-	841	(handoff\$1 handover\$1 (hand\$4 near3 (off over))) and (tdm tdma) and (transmit\$4 near3 control\$1 near3 channel\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 13:38
-	258	(handoff\$1 handover\$1 (hand\$4 near3 (off over))) same (transmit\$4 near3 control\$1 near3 channel\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 13:40
-	48	370/331,336,337.ccls. and ((handoff\$1 handover\$1 (hand\$4 near3 (off over))) same (transmit\$4 near3 control\$1 near3 channel\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 13:38
-	93	455/436-444.ccls. and ((handoff\$1 handover\$1 (hand\$4 near3 (off over))) same (transmit\$4 near3 control\$1 near3 channel\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 13:38
-	33	455/436-444.ccls. and ((handoff\$1 handover\$1 (hand\$4 near3 (off over))) same (transmit\$4 near3 control\$1 near3 channel\$1)) and 370/331,336,337.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 13:41
-	129	(handoff\$1 handover\$1 (hand\$4 near3 (off over))) same (transmit\$4 near3 control\$1 near3 channel\$1) and (tdma tdm tdd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 13:40
-	129	((handoff\$1 handover\$1 (hand\$4 near3 (off over))) same (transmit\$4 near3 control\$1 near3 channel\$1)) and (tdma tdm tdd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 13:40
-	22	370/331,336,337.ccls. and 455/436-444.ccls. and (((handoff\$1 handover\$1 (hand\$4 near3 (off over))) same (transmit\$4 near3 control\$1 near3 channel\$1)) and (tdma tdm tdd))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 17:03
-	9	compar\$4 near10 rece\$6 near10 (power\$1 signal\$1 level\$1) near10 (control\$1 near3 channel\$1) near10 (information\$4 near3 channel\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 17:51
-	836	mobile\$4 near10 compar\$4 near10 (power\$1 signal\$1 level\$1) near10 (base\$1 near3 station\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 17:15

-	392	(handoff\$1 handover\$1 (hand\$4 near3 (off over))) and (mobile\$4 near10 compar\$4 near10 (power\$1 signal\$1 level\$1) near10 (base\$1 near3 station\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 17:14
-	166	(handoff\$1 handover\$1 (hand\$4 near3 (off over))).ab. and (mobile\$4 near10 compar\$4 near10 (power\$1 signal\$1 level\$1) near10 (base\$1 near3 station\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 17:14
-	2	mobile\$4 near10 compar\$4 near10 (power\$1 signal\$1 level\$1) near10 (control\$1 near3 channel\$1) near10 (information\$4 near3 channel\$1) near10 (base\$1 near3 station\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 17:16
-	15	((handoff\$1 handover\$1 (hand\$4 near3 (off over))).ab. and (mobile\$4 near10 compar\$4 near10 (power\$1 signal\$1 level\$1) near10 (base\$1 near3 station\$1))) and (control\$1 near3 channel\$1) same (information\$4 near3 channel\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 17:16
-	67	compar\$4 near10 (control\$1 near3 channel\$1) near10 (information\$4 near3 channel\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 18:25
-	277	(base near3 station\$1) near3 (control\$4 near3 channel\$1) near3 (synchroni\$4 tim\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 18:26
-	79	(base near3 station\$1) adj3 (control\$4 near3 channel\$1) adj3 (synchroni\$4 tim\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 18:46
-	0	(base adj1 station\$1) near3 (control\$4 adj1 hannel\$1) near3 (synchroni\$4 tim\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 18:27
-	40	((base near3 station\$1) adj3 (control\$4 near3 channel\$1) adj3 (synchroni\$4 tim\$4)) and (tdma tdd tdm)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 18:46
-	0	(base near3 station\$1) adj3 (control\$4 near3 channel\$1) adj3 (fix\$4 near3 tim\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 18:47
-	30	(control\$4 near3 channel\$1) adj3 (fix\$4 near3 tim\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 18:55
-	355	(control\$4 near3 channel\$1) adj3 (synchroni\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 18:56